

# WEEKLY

# RECORD.

Devoted to the Mining, Lumbering, Milling,

and General Interests of Lake of the Woods.

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FIVE CENTS.

## "The Weekly Record"

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JAMES WEIDMAN, Proprietor.

### CIRCULATION.

The News has raised the question of circulation, and seeks to make it appear that age must count for bigness of issue. It should, but in the case of the News it does not. The actual number of papers printed each week as the regular edition of the News is 408. The Record prints 504. We admit the number is small in both cases, but it is to be accounted for not from lack of intelligence of the people of our mining city, but from the inferior article published here before the Record was started. The people are finding that we give the local news free from disagreeable personalities, and print our paper so it can be read, and they are continually being added to our list. As will be seen by the above figures though only a few months in the field the Record already leads in point of circulation as well as in other respects. We are determined to maintain the position we have reached, and ask our friends to help us to add a few hundred more names. The present indications are that we will have to enlarge in the spring if not sooner. As our advertising is increased, so will the amount of our reading matter. It therefore rests with our business men what they choose to make of this Record. Give us the patronage, and we will do the rest.

### FIRE! FIRE! FIRE!!

If thought about it all it is earnestly hoped that it may be many a day ere this dread cry is heard on our streets. But is there sufficient thought given to it to make our citizens and our council appreciate the great importance of being in a state of constant readiness for the dire emergency. It is true we have an expensive fire hall, an excellent, Ronald steam fire engine, a large quantity of hose, all of which are constantly kept in good condition. We have also an abundant water supply well distributed. What more it may be asked is required when on our most crowded streets electricity is used for light, and for means for heating? With all these things in favor for fighting fires there is still more that is necessary, and we should not allow ourselves to lose to secure us into taking a deeper interest in the general protection. In addition to the steamer and lots of water there should be a number of light and serviceable ladders both single and extension, and a few buckets should not be despised. Ladders for the purposes are now made from paper which would be light, substantial and durable. There were some ladders but they were so that they were very heavy and have become unsafe. They have been condemned by the Fire Brigade and new ones were asked for about a year ago, but have not been obtained. This may apparently seem a trifling matter, but great consequences sometimes result, particularly in the case of a fire. Let us hope it may not be so in our case.

If you want to buy the best paper in the Toronto Weekly Mail. That paper reaches 100,000 farmers homes every week and your advertisement should meet the eye of some one who wants to purchase. Advertisements of this class are inserted in the Toronto Weekly Mail for five cents a word for each insertion. For a full list of words for each insertion, address The Mail, Toronto, Canada.

## OUR DISTRICT.

### Lake of the Woods.

The Topography, Geology, Minerals, Climate and Scenery.

BY WALPOLE ROLAND, C. & N. ENGR.

(Written for The Record.)

The Rainy River District comprises all that part of Western Algoma lying west of the 91st meridian of west longitude. It is bounded on the south by the State of Minnesota, and upon the north and west by the Province of Manitoba, while the southern boundary of the Rainy River District is naturally defined by the Rainy river, from the 91st meridian to the mouth of said river, from whence it follows the United States boundary to the Northwest Angle of the Lake of the Woods; the boundary adjoining Manitoba is due north to the English river and along that stream to Lac Seul, or Lac St. Joseph, to the point of intersection with the 91st meridian of longitude west from Greenwich; containing an area of 22,500 square miles. In a word, this most important section of the Province may be said to lie between the height of land west of Lake Superior, and the Winnipeg river. In its general aspect it is a hilly and broken country, intersected by rapid rivers and widespread lakes. The hills of the interior frequently rise to considerable height. There are numerous rich alluvial valleys found in this land, the richest and most extensive of which is that of Rainy river. The lakes and rivers everywhere present long reaches of navigable water, the principal of which, extending from Fort Frances to the western extremity of Lac Plac, is 158 miles in length. Dense forests cover most of this region, and the most valuable kinds of wood are seen in various places and in considerable quantities. Elm is found on Rainy river, and while pine is abundant along the waters which flow into Rainy Lake. Between Saginaw, Seine and Maligne rivers there are extensive forests of red and white pine. Occasional white pine appears in the beautiful valley of Rainy river and on the numerous islands of the Lake of the Woods.

The approach to this point, Fort Frances, is really picturesque. Nearing the outlet of Rainy Lake, and entering Rainy river, the right bank is quite park-like, the tall trees standing far apart, and leaving the rounded tops peculiar to those seen in open grounds. Blue oak, balsam and Lombardy poplar, with a few aspens, are, however, the principal forest trees. These line the bank, and for two miles after leaving the lake the voyager glides downwards between banks of forest growth until the Port is reached. This ancient part of the Hudson's Bay Co. is beautifully situated on the right bank of the Rainy river, immediately below the falls. All kinds of grain are raised here, and garden vegetables of every description flourish luxuriantly. The length of this navigable river is about 80 miles. The right, or Canadian bank, for the greater distance, is covered with a heavy growth of forest trees, shrubs, climbing vines, wild raspberries, and as a matter of fact a charming variety of flowers. The forest trees consist of oak, elm, ash, birch, basswood, balsam, spruce, tamarac, some cedar, aspen, balsam poplar, and white and red pine near the Lake of the Woods.

dustrious, hardy and happy of pioneers.

The cultivable area of land in this immediate section is variously estimated, and according to Professor Mind, who journeyed over this route in 1857, "exceeds 200,000 acres." Another distinguished voyager, Sir George Simpson, places the agricultural area a little higher, and describes the district as "a perfect paradise, compared with the arid mountain desert of 'Lake Superior.'" adding that "one cannot pass through this fair valley without feeling that it is destined, sooner or later, to become the happy home of civilized men, with their bleating flocks and flowing herds, their schools and their churches, their fall farmers and their social heartiness." It is now over half a century since those prophetic words were penned, and could the observant old "Governor of the Hudson's Bay Territories" (Sir George), but cast a glance over this scene, however swift and fleeting, he would most cordially realize the vision that rose before him when he penned the foregoing and following lines, while gliding down from the Fork to the Portage du Rat in his bark canoe: "Is it too much for the eye of philanthropy to discern, through the vista of futurity, this noble stream, connecting as it does the fertile shores of the spacious lakes, with crowded steamboats on its bosom, and populous towns on its margin."

Of the numerous lakes in this district the Lake of the Woods is the most extensive. From Lac Plac, which may be regarded as its western extremity, to Whitefish Lake, which is a somewhat similar extension in an opposite direction, the distance is little short of 100 miles; and from the mouth of Rainy river, at the entrance of the Lake, to its outlet at Rat Portage, in latitude 49° 47' north, and longitude 91° 14' west, the distance is about 70 miles, so that altogether it occupies an area of about sixteen hundred square miles.

This extensive sheet of water is interspersed with islands, on some of which the Indians have grown maize from time immemorial, and have rarely, if ever, found it fail. It would be most difficult to conceive of anything more beautiful of its kind than the scenery of this lake. Islands rise in continuous chains, and in every variety of form. Sometimes they pass through the prospect as islands, and are shut in; soon again they open out, and through long vistas a glimpse is obtained of an ocean-like expanse, where the waters meet the horizon.

The prevailing formation in the Rainy Lake district is the Huronian. This series occupies a most extensive area, between the height of land and the Lake of the Woods, touching the Lake shore and islands at various points. It consists of granite, gneiss, syenite and intermediate schists, almost entirely unintruded by igneous rocks. In places strongly defined veins of quartz and spar carry the ores of chalcopyrite, iron pyrites, iron pyrites, zinc blende, and lead, but not least, the ores of native iron, and tellurium gold. It is true, it is true, some of the auriferous quartz veins of the Lake of the Woods, as at Port Portage and its mouth, extend to the King Lake, but only as a secondary mineral in small quantities; occasionally, however, as reported by the late Mr. Portage, they are in greater proportion. By weight the gold is about as abundant as the silver, and the silver is more abundant than the gold. The auriferous quartz veins of the Lake of the Woods, as at Port Portage and its mouth, extend to the King Lake, but only as a secondary mineral in small quantities; occasionally, however, as reported by the late Mr. Portage, they are in greater proportion. By weight the gold is about as abundant as the silver, and the silver is more abundant than the gold.

shays, of from 1 to 300 ounces to the ton of two thousand pounds.

This important series lies principally between the Laurentian and Huronian, striking occasionally in a north-easterly direction in broad belts and tongues into the Laurentian. The Huronian or "Keewatin" as it is locally named, occupies a large area on the Lake of the Woods, as well as upon the margin of Rainy Lake, where it meets its higher series of the Couchiching group. The typical Huronian (Logan's) consists of greenish and greenish-grey strata, with a dip nearly vertical. The principal portions have a slaty structure, consisting of chloritic, argillaceous, talcose, siliceous, and fine grain micaceous slates, with interstratified beds of massive diorite, frequently much tilted. It is from these slates, as or near their line of contact with the Laurentian granites, that we look for, and as a matter of fact obtain our best results in gold in western Algoma, generally. To these and their kindred igneous rocks Dr. Lawson, late of the Dominion Geological Corps, applied the distinctive name of Keewatin to the entire series, remarking at the same time "they were evidently of Huronian age," adding "that I feel it incumbent upon me at the outset to say a few words on the nomenclature of the series of rocks comprised within it, and particularly to question the advisability, in the light of recent investigations, of relegating these rocks to a position stratigraphically and geologically equivalent to the typical Huronian of Sir William Logan, as described in his 'Geology of Canada' in 1863." Dr. Lawson then proceeds to draw comparisons in order to clearly demonstrate the difficulty in proving the equivalency or non-equivalency of any two widely separated sets or series of Archean rocks devoid of fossils. "On the other hand," continues the Doctor, "these very rocks themselves establish the fact that volcanic activity played a much more important part in the development of the formation of Archean times than that of later geological ages, and further, since these volcanic rocks were mixed with ordinary aqueous sediment, and the volcanic action was intermittent and irregular, we would expect to find series of the same geological age of all gradations of lithological character, from an almost wholly volcanic to an almost wholly sedimentary composition," and illustrating or demonstrating very satisfactorily that lithological character is only one of several considerations that must be taken into account in a question of correlation of two geological series geographically separated. There are unquestionably many points of difference, between these series, one characteristic feature of the gneisses surrounding the area being its passage into granites devoid of foliation. The granite and gneiss rocks which underlie the Keewatin series may be said to be characterized by a fairly well defined and persistent porphyroblastic structure. The felspar is the most abundant constituent, and is frequently most developed crystallographically. Almost everywhere along the line of contact of the south of the Keewatin area the gneisses are of very coarse texture, and this is true of the gneisses of considerable thickness. The strike of the foliation in some places the thickness of crystals attaining a diameter of several of an inch, with a distinct flow structure of the other constituent of the gneiss around them.

The Huronian. This series occupies a most extensive area, between the height of land and the Lake of the Woods, touching the Lake shore and islands at various points. It consists of granite, gneiss, syenite and intermediate schists, almost entirely unintruded by igneous rocks. In places strongly defined veins of quartz and spar carry the ores of chalcopyrite, iron pyrites, iron pyrites, zinc blende, and lead, but not least, the ores of native iron, and tellurium gold. It is true, it is true, some of the auriferous quartz veins of the Lake of the Woods, as at Port Portage and its mouth, extend to the King Lake, but only as a secondary mineral in small quantities; occasionally, however, as reported by the late Mr. Portage, they are in greater proportion. By weight the gold is about as abundant as the silver, and the silver is more abundant than the gold. The auriferous quartz veins of the Lake of the Woods, as at Port Portage and its mouth, extend to the King Lake, but only as a secondary mineral in small quantities; occasionally, however, as reported by the late Mr. Portage, they are in greater proportion. By weight the gold is about as abundant as the silver, and the silver is more abundant than the gold.

The rocks in this vicinity to the east of the contact with the schists, in which the shells are, are reddish to mottled flesh tint, and of

eminently granitic aspect. All the constituents, orthoclase, mica and quartz, are well developed, and coarsely crystalline, and according to the observations of Messrs. Gosland and Lawson there is no trace of gneissic foliation. It is, however, regarded as a porphyritic granite in this vicinity, while its extension eastward to and beyond Long Lake, where it assumes gradually, by transition, hardly perceptible a gneissic arrangement of the crystals, until eventually, on the shores of Long Lake, it presents quite a distinctly gneissic foliation, and in proportion as the gneissic foliation is more distinctly developed towards the south-east, it presents more and more the character of an intrusive breccia.

ROSSLAND SECTION. The rocks in this immediate vicinity are mostly coarsely crystalline basic, composed largely of trichite feldspar and biotite with quartz, quartz as at the Caribou lakes and vicinity of Hilly Lake, the "Rajah" and other adjacent tracts being doubtless an integral part of the granitoid gneisses into which they merge.

SULTANA. The formation of Quarry Island and a portion of the George Heenan and MacMillan (Ophir) on Sultana are near the line of contact and largely composed of coarse grained Laurentian age, while the surrounding formation embraces the hornblende schists and altered traps, with chloritic schists of volcanic origin, and in fact, the entire area of Indian reserve 28 B and north-west to the Portage is chiefly composed of the hornblende schists and altered traps of volcanic origin. At the Narrows, at entrance to Shield Lake, the same conditions prevail, excepting the occurrence of a small patch of intrusive granite and serpentine, and from Allie Island, through Hall Diver and Big Stone Bays, the Keewatin formation predominates.

MINERALS. Many veins of great promise have been tested and examined within this area, in most of which free gold is visible. From the south end of ANDER LAKE, a line system of veins prevails, generally parallel to the line of contact of the hornblende schists and altered traps with the granitoid gneiss of the Laurentian, trending southward and southeastward to the base of Pipestone Point. These include the Rossland, Stuart, Eschweiler, Twin Sisters, Ping Portage, King, East or Gold Creek, Sultana, No. 12 and 3, the Heenan, Ophir, Gold Hill, No. 96, the Winnipeg Consolidated, "Ada-G", and others, all more or less developed, and their value fairly well established. Many of the foregoing auriferous lodes have long been discovered both upon the islands and mainland, the issue of titles to which, unfortunately, has long been delayed, thereby, literally stranding the goose that lays the golden egg with a vengeance. The lodes, for almost the entire number of the gold mining claims in this district are now made from the Crown, but it is no stretch of imagination to say that one for the blundering and tinkering of the Dominion and Provincial Governments, may add the double-barrelled density of these ignominious claims, themselves wise, and patiently rulers of this Province and this fair Dominion, the golden egg and golden age would have dawned upon us long years ago. But all things come to those who wait! The mining men of this district have now a brilliant future before them.



## NORMAN.

THE RECORD desires to fill these columns with Norman matters. the citizens can help us do it.

Yesterday an alarm of fire was raised at Mr. Chaloner's house, but it ended in a very little smoke and no damage to speak of.

On Saturday last Mr. Scott's house took fire. The yard engine happened to be near at the time, and with the aid of water from it the fire was extinguished, but not till quite a hole had been burned in the roof. The engine of the steamer deserves credit for this timely assistance, which was the only thing that saved the house.

### Enjoying a Blessing.

DEAR SIR:—Last summer my younger sisters were taken very badly with group, and were almost entirely unable to do any work of caring them. Finally we applied Hagar's Balm Oil, and to our great joy it cured them perfectly, and they are now enjoying the blessing of perfect health.—ANNA JOHNSON, Dalhousie, N.B.

### Cold Weather Trials.

DEAR SIR:—The fall and winter I suffered from neuritis in my face and had the best medical advice without avail. I at last thought of trying B.B.H. and after using one bottle have not felt any symptoms of neuritis since. I regard it as a fine family medicine.—J. T. DORR, Health, Man.

### The Best Yet.

DEAR SIR:—My mother was attacked with inflammation of the lungs, which left her very weak and needed free from cold, till last she got a very severe cold and cough. She resolved to try Hagar's Balm Oil, and, on so doing, found it did her more good than any other medicine she ever tried.—MRS. KENNEDY, 50 Smith St., Hamilton, Ont.

## Xmas Greetings

FROM THE

### PHARMACY.

Merry Christmas and Happy New Year to all.

Very easy to choose a present from our varied stock.

PLUSH, LEATHER, SILVER and SACHET GOODS.

Another addition in perfumes, Lundborg's Swiss Lilac

SLEEPING BOBLES, SOLID IRON UNBREAKABLE TOYS.

See the Autoharps and Imported Accordeons

Canniff & Johnson, Telephone 72, Rat Portage.

## J. B. Davies

Has a complete new stock of

## Winter Goods,

COMPRISING

Felt Lined Boots,

Fur Caps,

Fur Coats,

Heavy Overcoats,

Clothing,

Gloves, Mitts, Overshoes and

Moccasins,

Dress Goods, etc., etc.

Norman.

North of C.P.R. track,

KEEWATIN

And Clougher Block, Main St.,

RAT PORTAGE.

## Free Delivery!

All Orders promptly filled in my line.

Bread, Cakes, Tarts,

Pies, Fruits, etc.

J. F. Philbin,

Telephone No. 2.

## SNOW FLAKE BAKERY.

## Norman.

I will deliver in Norman on Tuesday, Thursday & Saturday.

Order by Telephone or by the Driver.

BREAD, CAKE, PIES OF ALL KINDS.

J. F. Philbin,

Telephone No. 2.

## SNOW FLAKE BAKERY.

## LOST.

ANY ONE who has found an English Lower Watch, gold, chain attached, also locked with Masonic square and compass, will be kind enough to return the same to Rev. R. NAIN, Rat Portage, and they will be rewarded.

## Notice of Dissolution of Partnership.

NOTICE is hereby given that the partnership heretofore carried on by John B. Campbell and William S. Vivian, as Painters and Paperhangers, under the name, style and firm of "Campbell & Vivian," of Rat Portage, in the District of Manitowish, was this day dissolved, and all parties indebted to the said firm are hereby notified to pay their said debts to J. B. Campbell, who will wind up the affairs of the said partnership.

Dated at Rat Portage, 19th November, 1921.

JOHN B. CAMPBELL, and WM. S. VIVIAN.

## K Furniture Co.,

Undertakers & Embalmers,

Second Street.

Residence cor. Matheson and Second Sts.

Telephone 33.

## Read This!

Owing to increase of business, H. S. Grant finds his store and gallery too small; the premises, therefore, will be closed five days next week whilst undergoing the new alterations, which will be a great convenience to his customers.

The partition back of present store will be broken down as far as the old gallery, adding an extra 12 square feet to store. The old gallery will be used as a waiting and dressing room and lavatory, from which a staircase will take visitors to the large upstairs gallery, measuring 18x24 feet, which when finished will be one of the best lighted galleries in the Northwest.

Also, for the convenience of Kewatin, Norman and River customers, a staircase at back of premises will admit them into gallery waiting room, after crossing the ferry wharf, instead of their having to go round to Main Street entrance.

Office Hours, up to Christmas week: 10 to 12, and 2 to 5.30.

## MISS COOKE'S Mantle & Millinery EMPORIUM.

The Latest Styles of English and French Goods always on hand.

A great variety in Ribbons, Feathers, Flowers, Birds, Veiling, Etc.

Ladies should not forget My Stock is entirely new.

## P. C. MILLS, WATCHMAKER

& JEWELLER,

Has removed to

Second St., Rat Portage.

Keeps constantly on hand a large and varied stock of

Watches Clocks & Jewellery

At Reasonable Prices.

All kinds of English, Swiss and American watches and clocks cleaned and repaired.

## Just Arrived!

A CARLOAD OF

Hand Picked Winter APPLES.

AND A CARLOAD OF NEW

Canned Goods & Groceries.

In Hams, Bacon, Eggs & Cheese I keep the Best in the Market.

And sell at ROCK BOTTOM PRICES.

OYSTERS, Wholesale and Retail.

A. S. HORSWILL,

Telephone 59.

FREE DELIVERY.

A. CAMPBELL,

DEALER IN

BOOKS, STATIONERY, FANCY GOODS & WALL PAPER.

JUST RECEIVED,

A beautiful line of

Photo Albums, Photo Holders, Frames.

Leather bound Poets, Bibles, Prayer & Hymn Books.

COMPLETE SETS OF STANDARD AUTHORS AT LOWEST PRICES.

A full and complete line of school books and school supplies always on hand, also an elegant line of Memorabilia and Brier Pipes.

MAIN ST., RAT PORTAGE.

## VEGETABLES!

Our New Mammoth Root House is now full to overflowing with all kinds of Vegetables.

Cabbage, red & white, Carrots, Beets,

Turnips,

Parsnips,

Celery,

Onions,

Potatoes,

Squash, Pumpkins & Citrons.

Now is the time to get your winter supply. Don't wait till it freezes up.

A. GIBSON,

Second Street, Rat Portage.

Telephone 22.

MISS A. ROCAN,

MILLINER.

Dress & Mantle Maker,

Rigney Block, Rat Portage.

Perfect Fit Guaranteed.

The latest Styles of Millinery and Dress Trimmings.

New Fall Goods Opened.

Oil struck at Rat Portage.

Not in the ground Rat down to GROUND PROVEN at

JAMES ROBERTSON & CO'S,

Agents for the

## Standard Oil Co.

Oil, KEROSENE and SUNLIGHT the best in the World, also the Standard Oil, BLUE STAR, CRESCENT and OLIO, PHENE, at the lowest prices ever offered in Rat Portage.

The best printing done at the "Record Office."

## Hudson's Bay Company

Loch Fyne Herrings,

Asparagus,

New Valencias,

Russian Caviar,

Stilton Cheese,

Pate-de-foie-gras,

Mushrooms,

Peach Marmalade.

HUDSON'S BAY CO.

Rat Portage and Kewatin.

An Invitation is given to

Come to

## THE MUSIC HALL,

To See the Attractions

there in Furniture.

Fine Undertaking a Specialty.

A Complete Stock of Furnishings, including a

Fine Hearse.

Telephone No. 69.

H. ELLIOTT, Main St., Rat Portage.

Residence next to J. Gardner's, opp. Hilliard House.

## JAMES ROBERTSON & CO.

Have just received

A Carload of Buck's cele-

brated Stoves.

Cooks and Heaters in all

Varieties.

Also a Fine Lot of Lamps, Etc

Call and See Them.

## THE HILLIARD HOUSE,

RAT PORTAGE.

Lake of the Woods.

This hotel has recently undergone extensive alterations and additions, having now seventy-five elegantly furnished rooms, hot and cold baths, electric light and electric bells in rooms.

Suits of rooms for families may be secured in advance by telegraph. Four well arranged sample rooms for commercial travellers. Free bus meets all trains.

The new bar and billiard room is situated in the large basement and is delightfully cool in warm weather.

The Hilliard House is so complete in every way to meet the requirements of tourists, it stands second to none in the Dominion.

Those who wish for health, combined with the thought of the beautiful, should come to Rat Portage. It can be said by those who have visited the Lake of the Woods: "Mine eyes behold new pleasures while the landscape round it measures," and the breeze of the lake combined with the fragrance of the pine land their kindly influence to the rejuvenating of our system.

Mr. Hilliard has made arrangements with the proprietor of the steamer Kewatin to furnish tickets to guests for excursions on the lake at the low rate of fifty cents per day.

LOUIS HILLIARD, Proprietor.



